

05/465 415

ABSTRACT OF THE DISCLOSURE

5 A method and apparatus for storing an MPEG-2 transport data stream with
a conventional digital video (DV) recorder is described. The packetized MPEG-2
transport stream data is inserted into a data block of a digital video (DV) frame.
The digital video frame is stored on the storage medium of the DV recorder. The
DV frame may be inserted into an isochronous data transfer packet for transfer to
10 the recorder over an IEEE 1394 serial bus. On the other hand, the MPEG
transport stream data may be transferred to the recorder over the IEEE 1394
serial bus before the data is inserted into the DV frame for storage. For playback,
the stored DV frame can be copied into an IEEE 1394 packet for transfer to the
television receiver where the MPEG data is extracted from the frame, decoded
15 and presented. On the other hand, the MPEG data may be extracted from the
stored DV frame before transfer to the receiver over the IEEE 1394 bus.